

PRODUCT SPECIFICATIONS

Overall	Model	1		Unit	CPD30-E2JL-M	CPD35-E2JL-M
	Power Source	2			Electric	Electric
	Rated Lifting Capacity	3	Rated load centre	kg	3000	3500
Weight	Load center	4		mm	500	500
	Dead Weight	5	Unloaded	kg	4371	4696
	Axle load	6	Full load/unloaded,front axle	kg	6662/2000	7422/1963
Tire	Axle load	7	Full load/unloaded,rear axle	kg	709/2371	774/2733
	Type of tire	8			Pneumatic tire	Pneumatic tire
	Tires number	9	Front wheel /Rear wheel		2/2	2/2
	Wheelbase	10		mm	1760	1760
	Tire Size	11	Front tire		28×9-15-14PR	28×9-15-14PR
Mast	Tire Size	12	Rear wheel		6.5-10-10PR	6.5-10-10PR
	Track (thread)	13	Front wheel /Rear wheel	mm	1005/980	1005/980
	Lift height	14	Std 3- Stage mast	mm	4500	4500
	Free lift	15	Std 3- Stage mast	mm	1003	1078
	Height mast lowered	16	Std 3- Stage mast	mm	2150	2150
	Height mast extended	17	Std 3- Stage mast	mm	5620	5620
	Mast tilt, fwd/back	18	Std 3- Stage mast	deg	6/6	6/6
	Fork carriage	19	Width	mm	1100	1100
Chassis	Fork spread	20	Min/Max	mm	272/1072	272/1072
	Fork dimensions	21	T x W x L	mm	45×122×1070	50×122×1070
	Overall length (to the front-end of the fork)	22	Std 3- Stage mast	mm	2720	2795
	Overall width	23		mm	1225	1225
	Overhead guard height	24		mm	2150	2150
	Turning radius	25		mm	2450	2508
	Fork overhang	26	Std 3- Stage mast	mm	475	480
	Right angle stack	27	AST 1000×1200Crossways AST 800×1200Lengthways	mm	4125 4325	4188 4388
	Add load length and clearance	28	AST 1000×1200Crossways AST 800×1200Lengthways	mm	2650 2650	2708 2708
	Ground clearance	29	Minimum loaded	mm	135	135
Performance		30	Center of wheelbase	mm	150	150
	Travel speed	31	Full load/unloaded	km/h	15/16	15/16
	Lift speed	32	Full load/unloaded	mm/s	350/430	330/430
	Lower speed	33	Full load/unloaded	mm/s	500/480	500/480
	Max. traction force	34	5-Minute working system	N	15125	15125
System	Maximum gradeability	35	5-Minute working system (Full load/unloaded)	%	17/20	15/18
	Electric control	36	Travel /Work Pump		AC	AC
	Motor	37	Drive motor power	kW	14	14
		38	Work pump motor power	kW	20	20
	Battery	39	Types		Lithium battery	Lithium battery
		40	Voltage	V	80	80
		41	Capacity	Ah	280/405/450	280/405/450
		42	Weight, minimum/maximum	kg	150/200	150/200

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11/2024 LIPL



E **SERIES**
LITHIUM BATTERY

CPD30/35



TOUGH WORLD. TOUGH EQUIPMENT.

PRODUCT FEATURES

ENVIRONMENT FRIENDLY

Zero Emission

- Equipped with 80V lithium battery, our system produces zero emissions and eliminates pollution.

Less Noise

- Operating at below 70 dB, it significantly reduces noise pollution.

Healthy Workplace

- Enhancing the working environment, our design prioritizes the health and well-being of operators.



RELIABLE AND DURABLE

High Stability of System

- With a low center of gravity and a rearward design, our system ensures superior stability during heavy operations..

Enhanced Frame, More Robust

- Featuring a wide visibility reinforced frame, our design is stronger and more stable for enhanced performance.

Durable Strong Rear Tires

- The large-diameter steering tires offer better wear resistance, ensuring longevity and reliability.

Casted Steering Axle

- Our integral cast steering axle features a strong structure with tapered roller bearings for enhanced impact resistance and a longer service life.

Strong Temperature Adaptability

- The durable box-structured chassis is resilient to impacts from uneven road conditions, while the anti-collision cover features a fender thickness of 12mm for added protection.

Suitable for Severe Working Conditions

- Our equipment, with an overall protection level of IPX4, excels in harsh environments such as paper, ceramics, casting, wood, and powder industries.

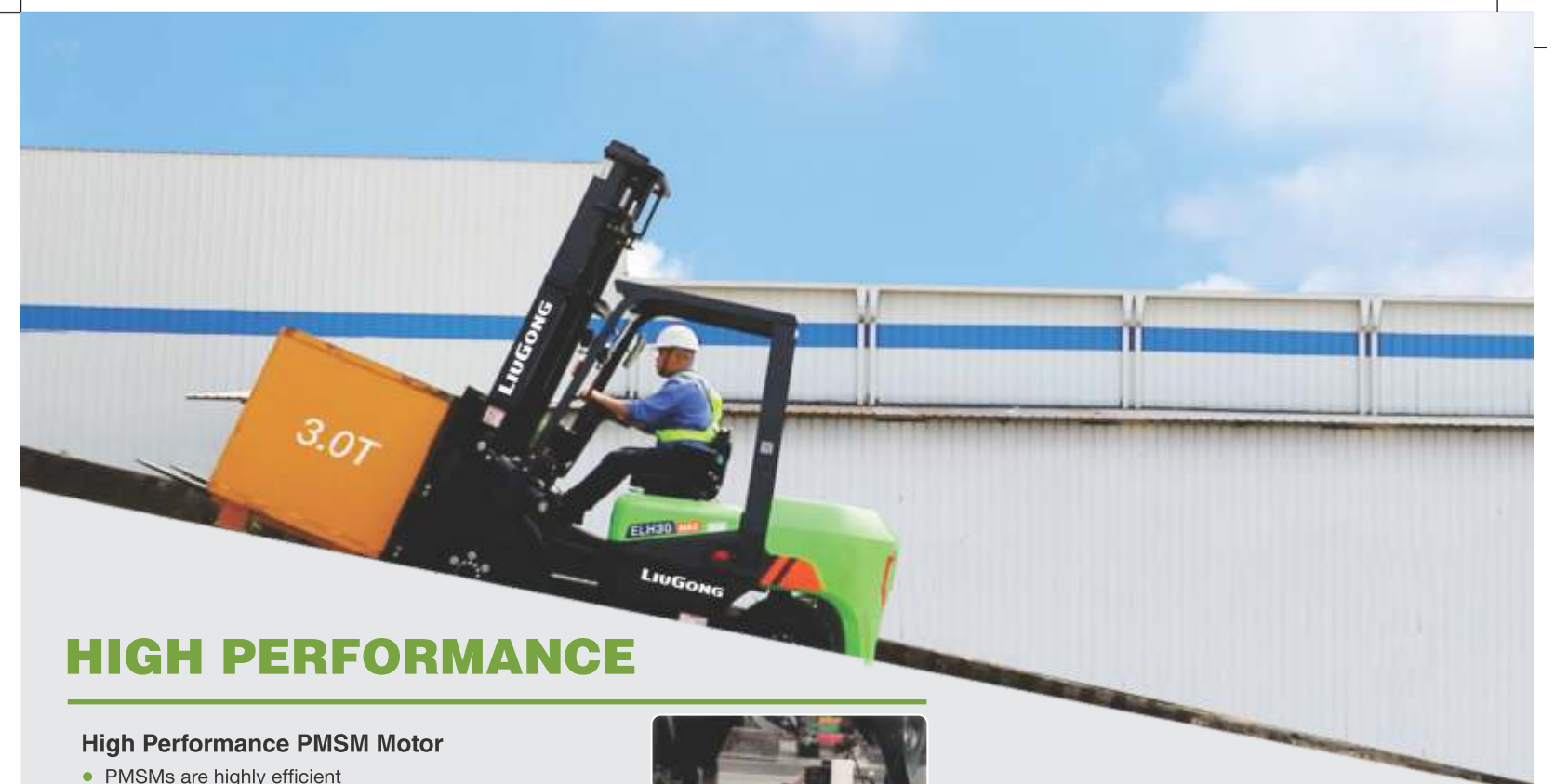
CASTED AXLE



DURABLE STRONG REAR TIRES



TOUGH WORLD. TOUGH EQUIPMENT.



HIGH PERFORMANCE

High Performance PMSM Motor

- PMSMs are highly efficient
- PMSMs provide high torque
- PMSMs motor have less maintenance cost
- PMSMs motors are highly reliable



High Efficiency Hydraulic System

- Load sensitive hydraulic system, matching pump motor speed, hydraulic system flow loss is small
- Hydraulic oil tank integrated into frame
- Hydraulic system, heat dissipation capable for working long time, and the configuration accessories can also work for a long time

Low Energy Consumption, Fast Charging, Long Battery Life

- Low energy consumption
- 1.5 hours fast charge, as needed

COMFORTABLE AND BETTER CONTROLABILITY

Ergonomic Accelerator Pedal

- The pedal angle is designed to minimize empty stroke, reducing right foot fatigue during operation.

Impact-Reducing Fork Design

- The forks are equipped with a bottom buffer to reduce impact on loads during lowering.

Automatic Slope Stabilization

- This forklift features an automatic slope standing function (3-5 sec), ensuring safe and efficient operation on inclines.

Spacious Operator Cabin:

- The newly designed cabin offers enhanced space for improved comfort and visibility, ensuring an optimal working environment for operators.

Comfortable Semi Suspension Seat

- Reduces the impact and vibrational forces felt by the driver, reducing fatigue and drowsiness for operators



TOUGH WORLD. TOUGH EQUIPMENT.

CPD30/35

E-Series Counterbalance Battery Forklift Truck

CONNECTED INTELLIGENCE

Equipped with 3.5 "Color Screen Instrument; Maximum Speed : 20-21KM/h

- Inbuilt with Driver rights management, optional card reader & face recognition



TOUGH WORLD. TOUGH EQUIPMENT.

CPD30/35

E-Series Counterbalance Battery Forklift Truck

EASY MAINTENANCE

Maintenance Free IP54 Brushless PMSM MOTOR:

- Featuring IP56-rated lithium battery protection that is maintenance-free, dustproof, and waterproof.



ALL WEATHER - OPERATION

Wading Operation

- With a large ground clearance and a wading depth of 200mm, our equipment is perfectly suited for outdoor operations in rainy conditions.

LED Luminaire

- Our high-brightness LED lamps provide ample illumination, making them ideal for night work.

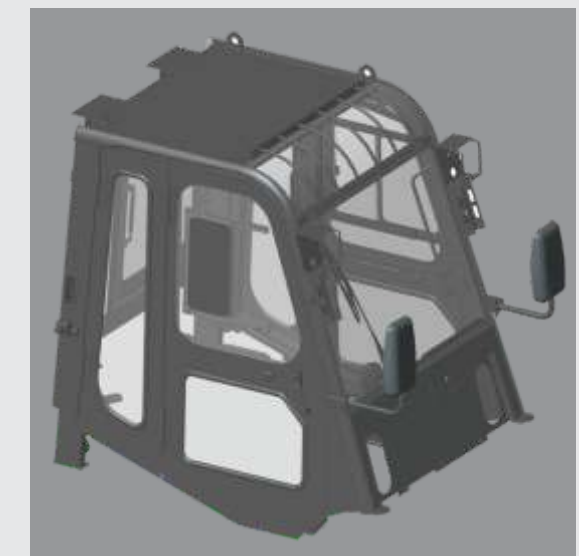


Cab (Optional)

- Designed for all weather conditions, our semi-enclosed cab protects against rain and shine.

Air Heater (Optional)

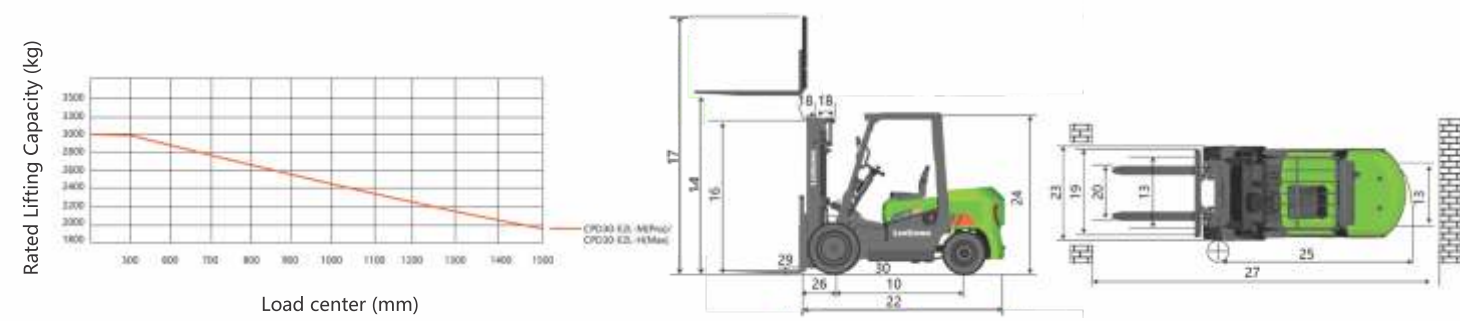
- Ideal for cold environments, our air heater ensures a warm and comfortable workspace even in low-temperature conditions.



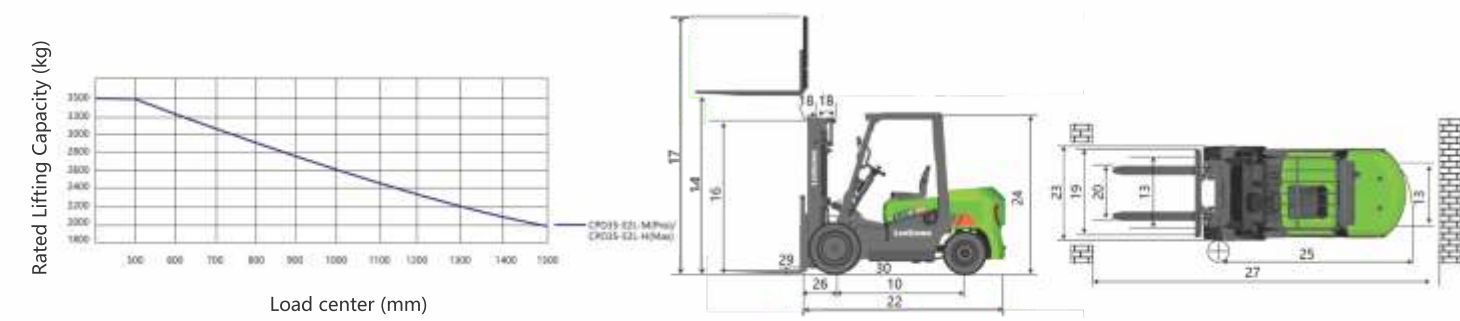
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MAST AND CAPACITY INFORMATION

Mast type	Max. Lift Height (mm)	Mast height (mm)	Mast tilt (°)	Free lift height (mm)	Load capacity (Load center 500mm)(kg)		Weight (with standard fork)(kg)	
					With standard fork	With side shifter		
					CPD30-E2JL-M/H		CPD30-E2JL-M	CPD30-E2JL-H
2-Stage ordinary mast	3000	2105	6/12	145	3000	2750	4284	4445
	3300	2255	6/12	145	3000	2750	4311	4472
	3500	2355	6/12	145	2750	2600	4329	4490
	4000	2655	6/6	145	2600	2500	4421	4582
	4500	2905	6/6	145	2400	2300	4466	4627
	5000	3155	6/6	145	2200	2100	4511	4672
	5500	3500	6/6	145	2100	2000	4611	4772
	6000	3750	6/6	145	2000	1900	4658	4819
Full-Free Lift - 2-Stage Mast	2700	1955	6/12	808	3000	2250	4283	4444
	3000	2105	6/12	958	3000	2750	4311	4472
	3300	2255	6/12	1108	3000	2750	4339	4500
	3500	2355	6/12	1208	2750	2600	4358	4519
Full-Free Lift 3-Stage Mast	3600	1850	6/6	703	2650	2450	4451	4612
	4000	1985	6/6	838	2450	2250	4488	4649
	4500	2150	6/6	1003	2250	2050	4534	4695
	4700	2220	6/6	1073	2100	1950	4553	4714
	5000	2320	6/6	1173	1900	1600	4580	4741
	5500	2640	6/6	1493	1700	1450	4762	4923
	6000	2890	6/6	1743	1500	1300	4828	4989



Mast type	Max. Lift Height (mm)	Mast height (mm)	Mast tilt (°)	Free lift height (mm)	Load capacity (Load center 500mm)(kg)		Weight (with standard fork)(kg)	
					With standard fork	With side shifter		
					CPD35-E2JL-M/H		CPD35-E2JL-M	CPD35-E2JL-H
2-Stage ordinary mast	3000	2150	6/12	145	3500	2750	4597	4660
	3300	2300	6/12	145	3500	2750	4625	4688
	3500	2400	6/12	145	3250	2600	4643	4706
	4000	2700	6/6	145	3100	2500	4742	4805
	4500	2950	6/6	145	2900	2300	4788	4851
	5000	3200	6/6	145	2700	2100	4833	4896
	5500	3500	6/6	145	2600	2000	4910	4973
	6000	3750	6/6	145	2500	1900	4958	5021
Full-Free Lift - 2-Stage Mast	2700	2000	6/12	858	3500	2250	4608	4671
	3000	2150	6/12	1008	3500	2750	4639	4702
	3300	2300	6/12	1158	3500	2750	4670	4733
	3500	2400	6/12	1258	3250	2600	4690	4753
Full-Free Lift 3-Stage Mast	3600	1920	6/6	778	3150	2450	4814	4877
	4000	2055	6/6	913	2950	2250	4854	4917
	4500	2220	6/6	1078	2750	2050	4904	4967
	4700	2290	6/6	1148	2600	1950	4920	4983
	5000	2390	6/6	1248	2400	1600	4954	5017
	5500	2640	6/6	1498	2200	1450	5063	5126
	6000	2890	6/6	1748	2000	1300	5131	5194



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